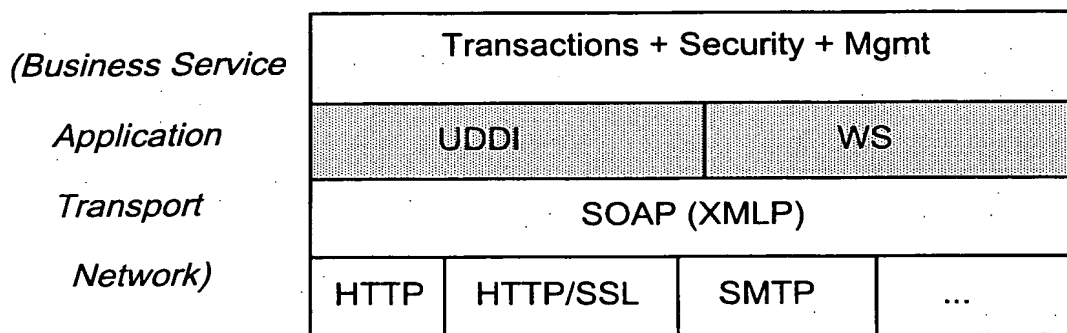


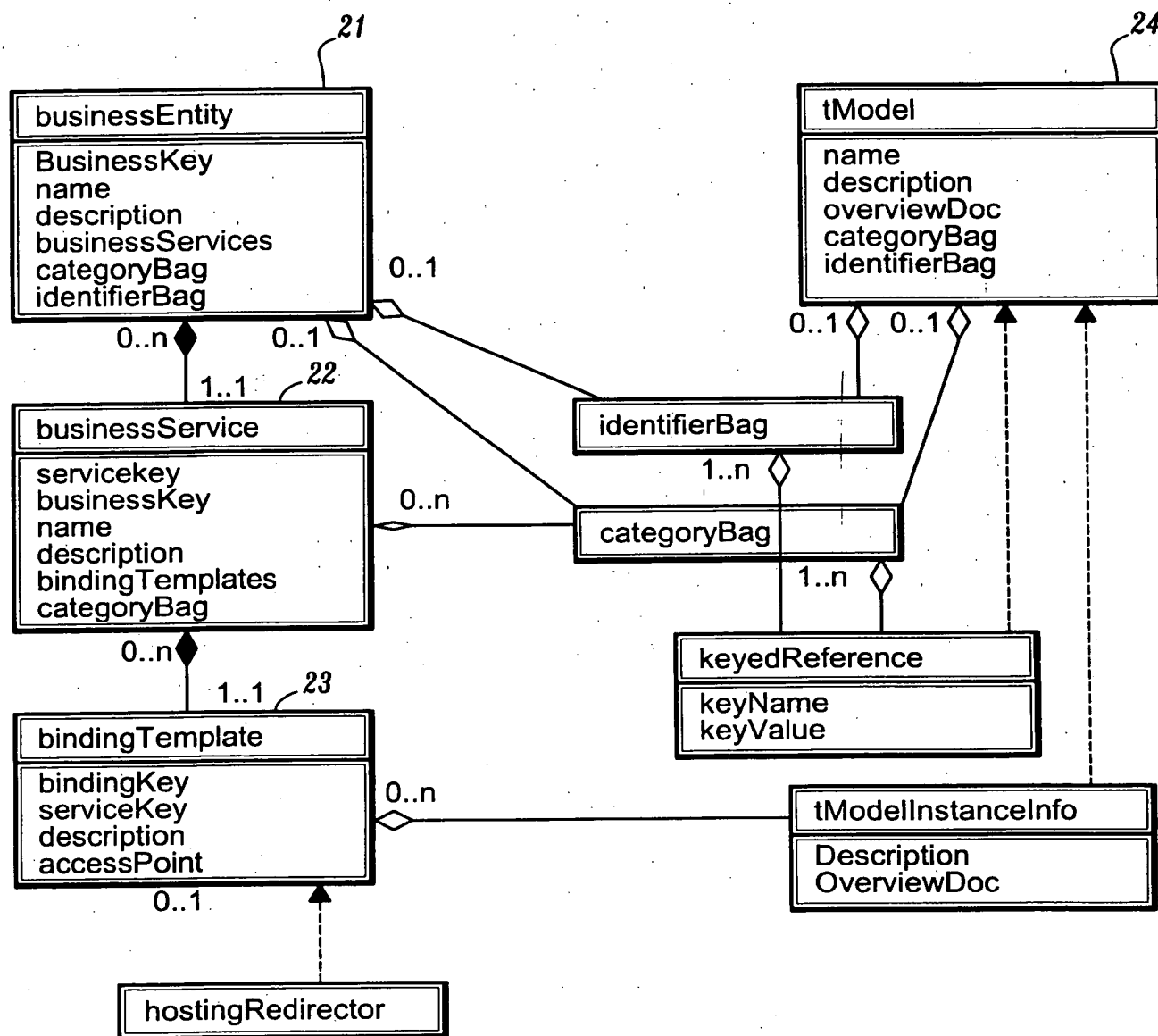
Web Services Related Art

FIG. 1a



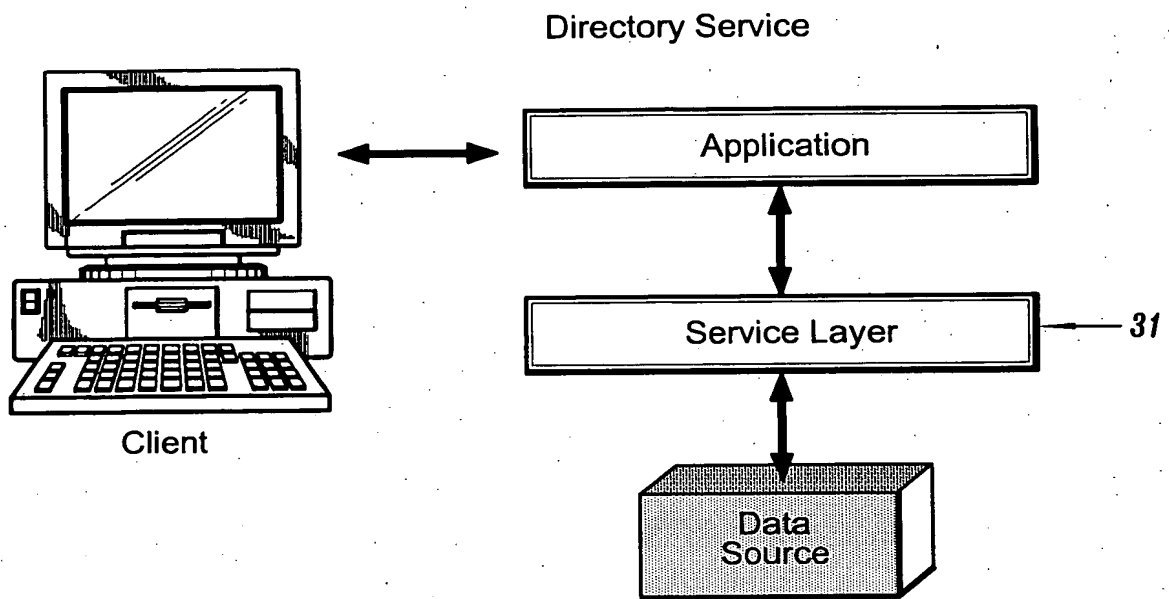
WS Protocol Stack Related Art

FIG. 1b



Related Art

FIG. 2



Related Art
FIG. 3

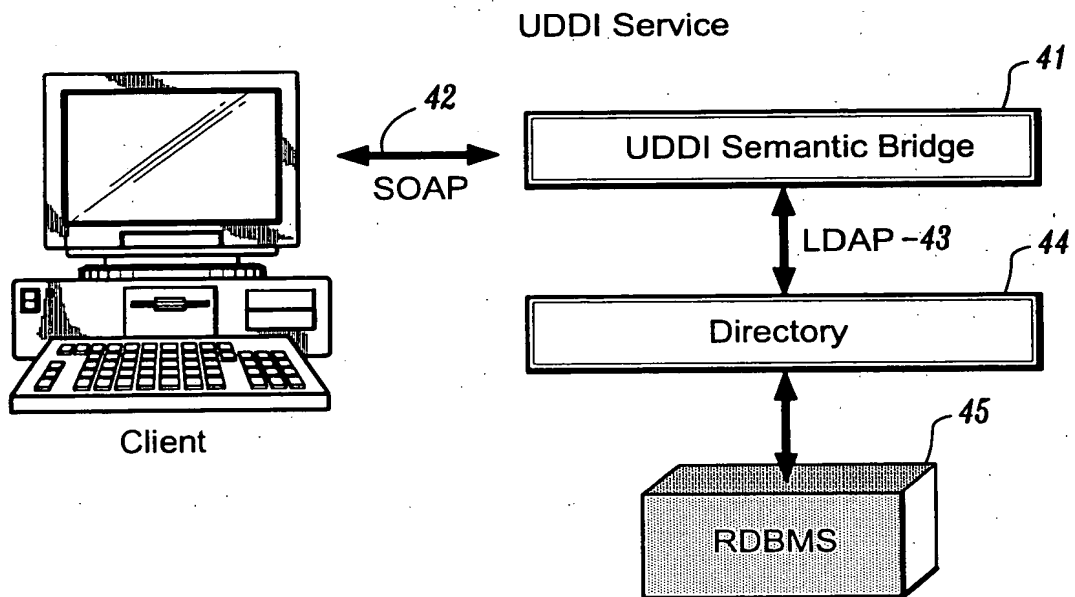


FIG. 4

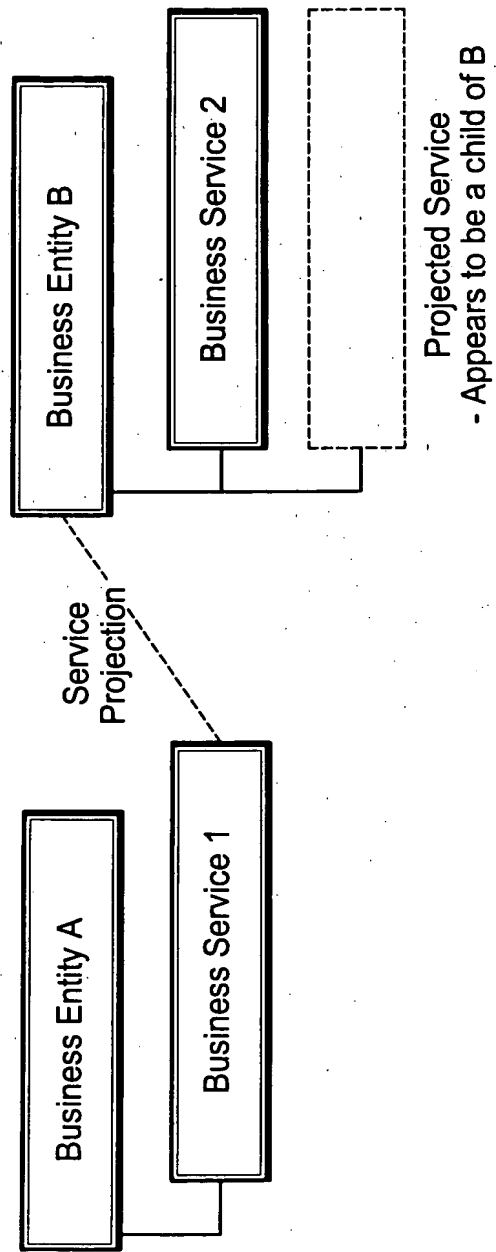
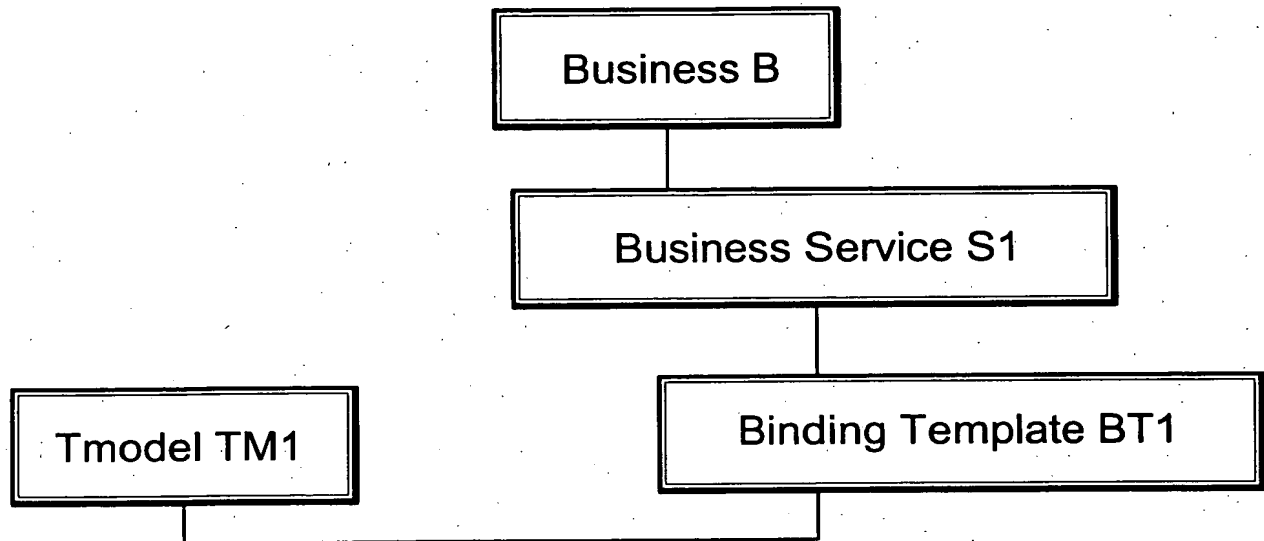
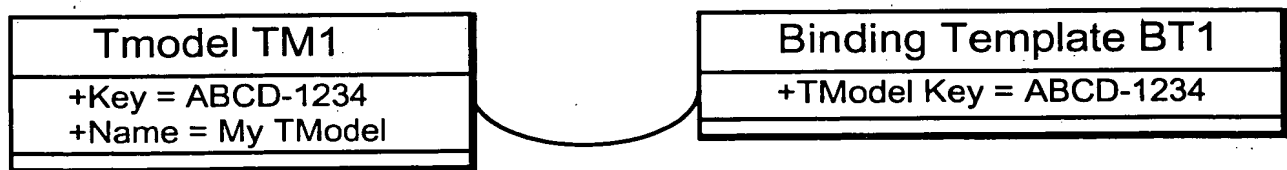


FIG. 5



Binding Template/Tmodel relationship

FIG. 6



Primary & Foreign Keys

FIG. 7

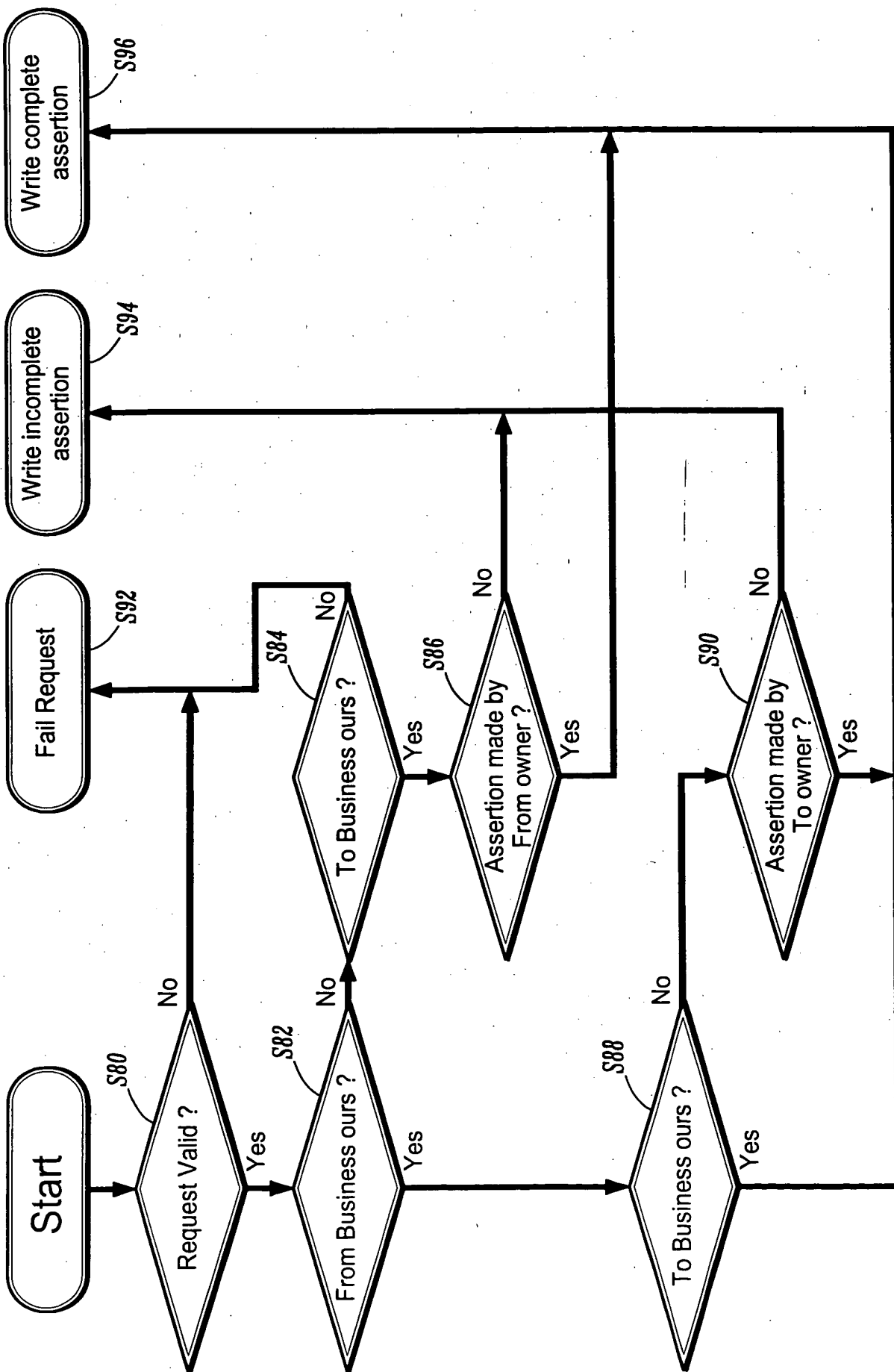


FIG. 8

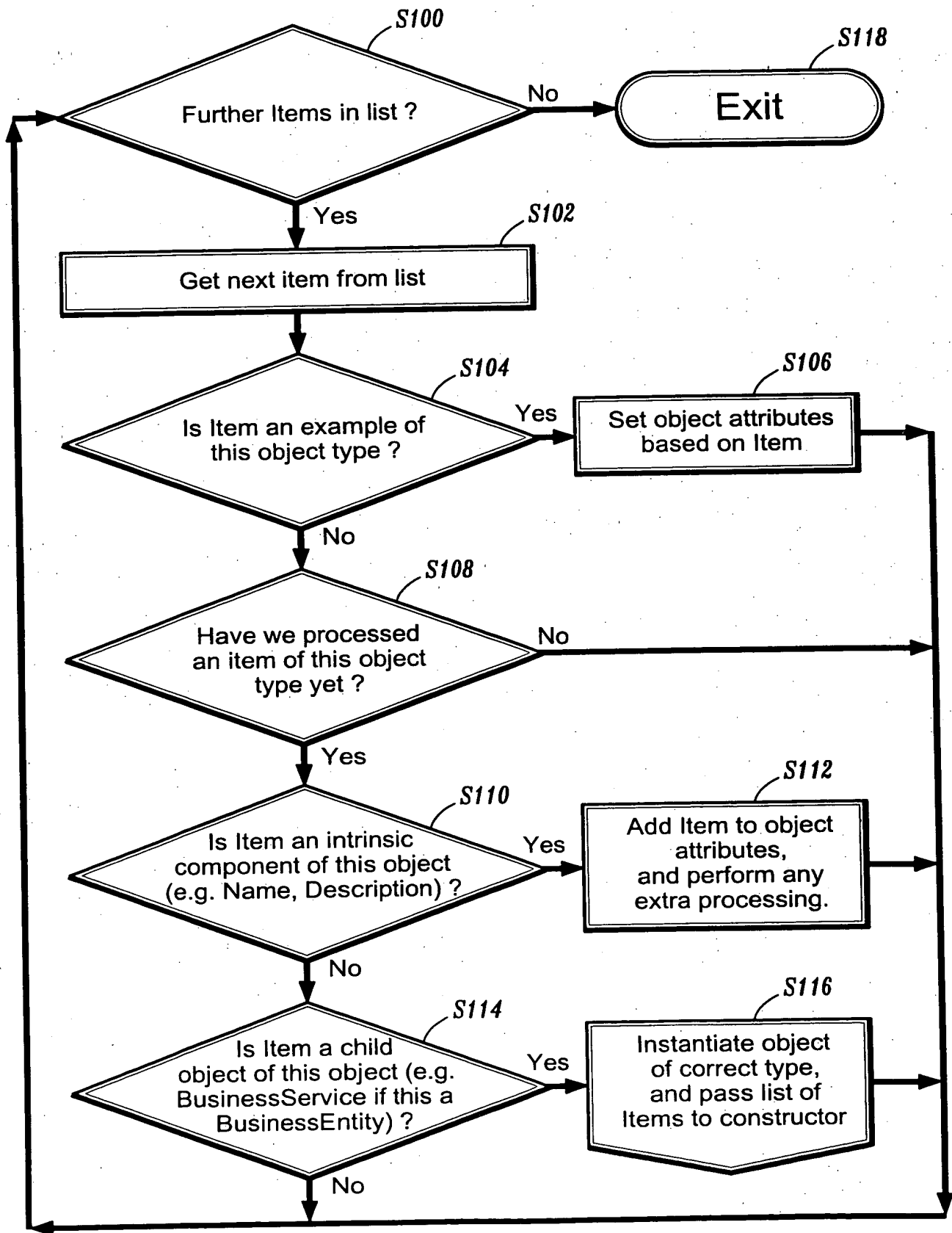


FIG. 9

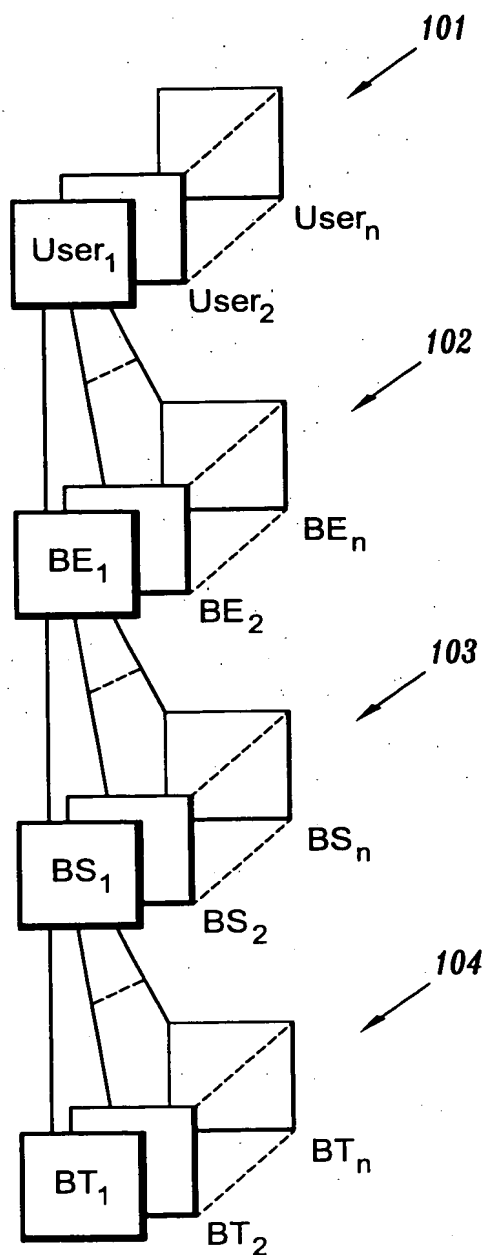


FIG. 10

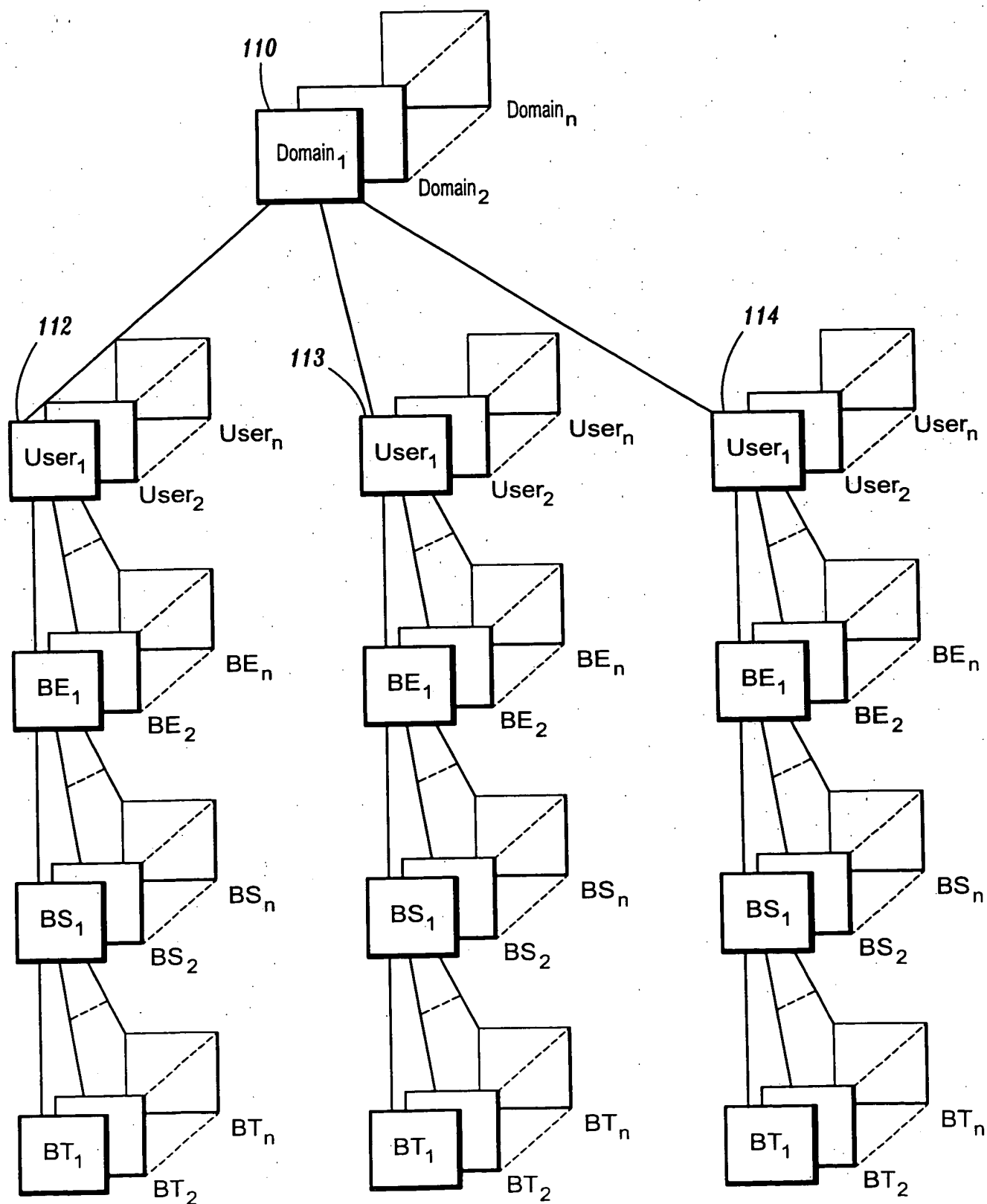


FIG. 11

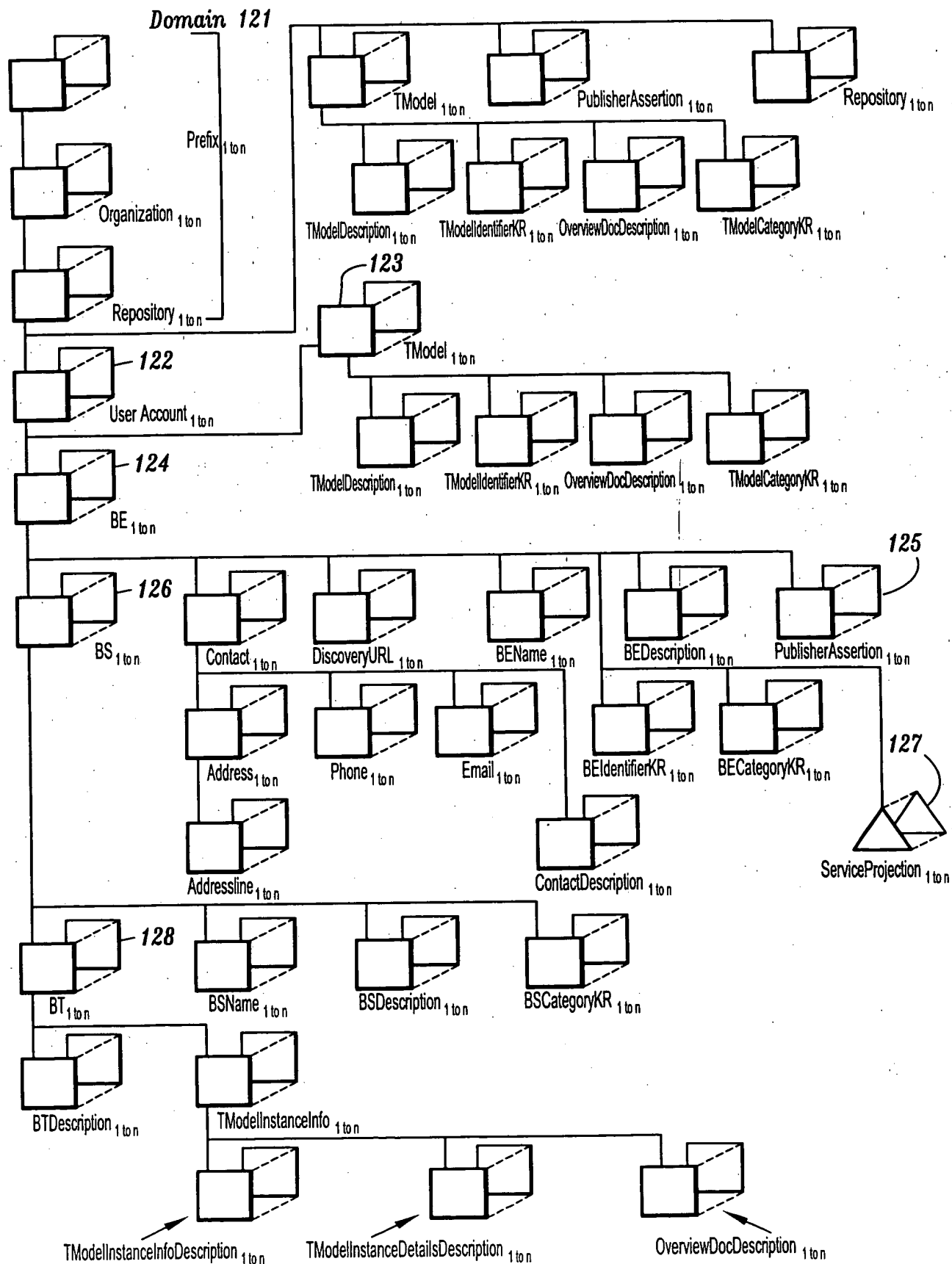
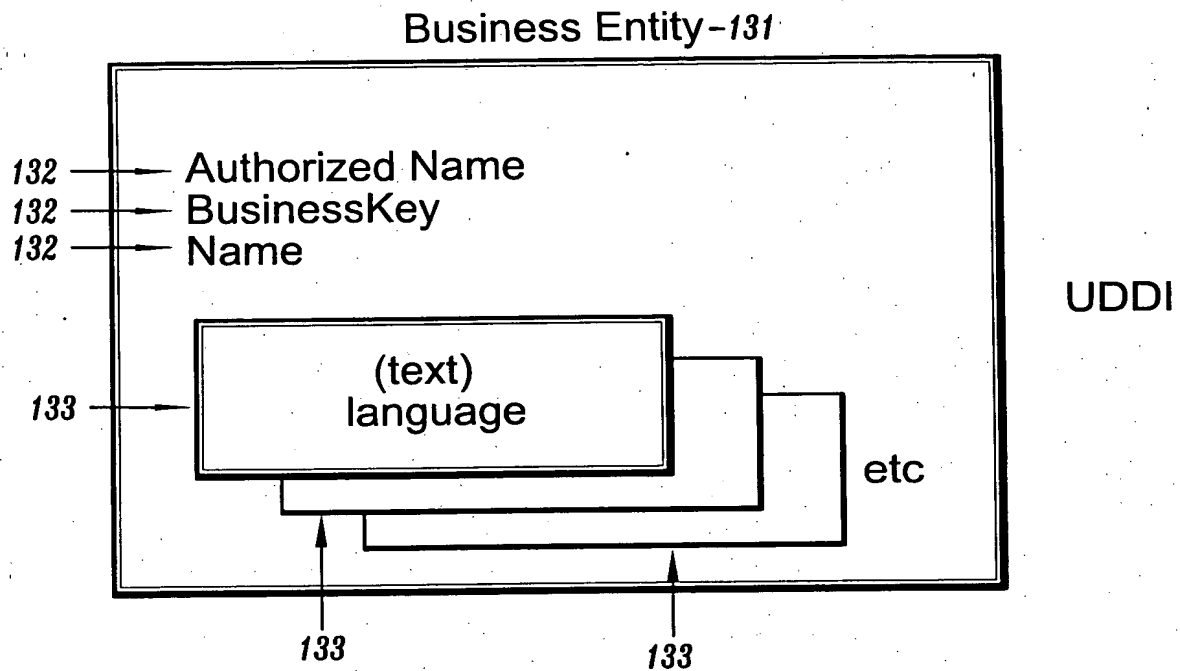
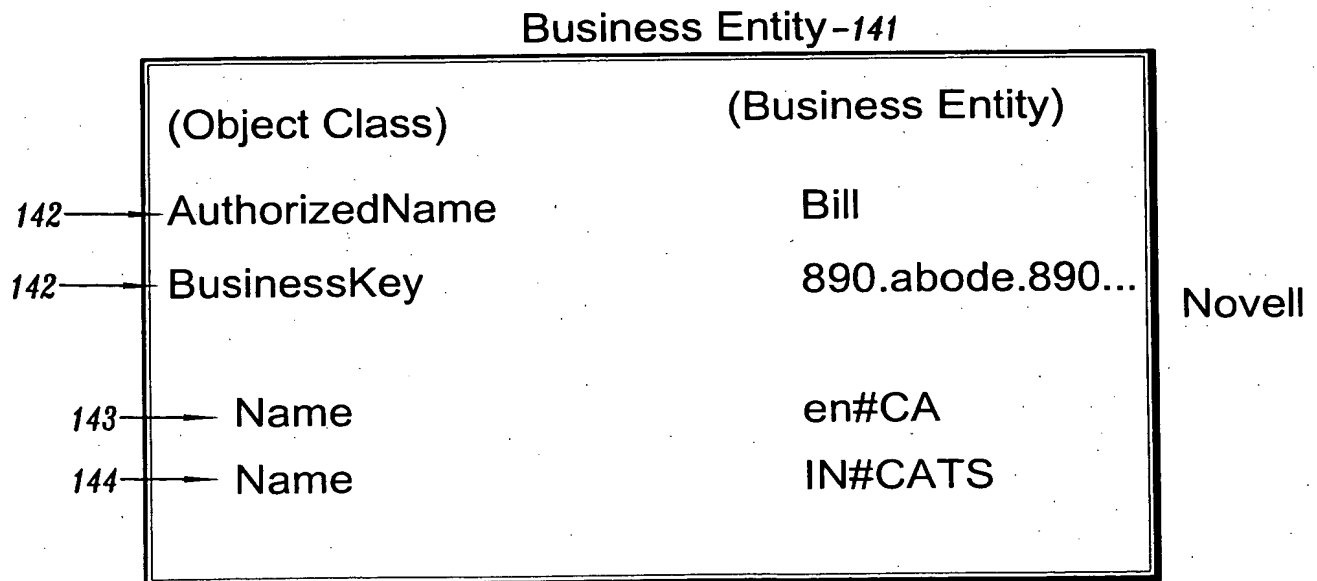


FIG. 12



(Prior Art)
FIG. 13



(Prior Art)
FIG. 14

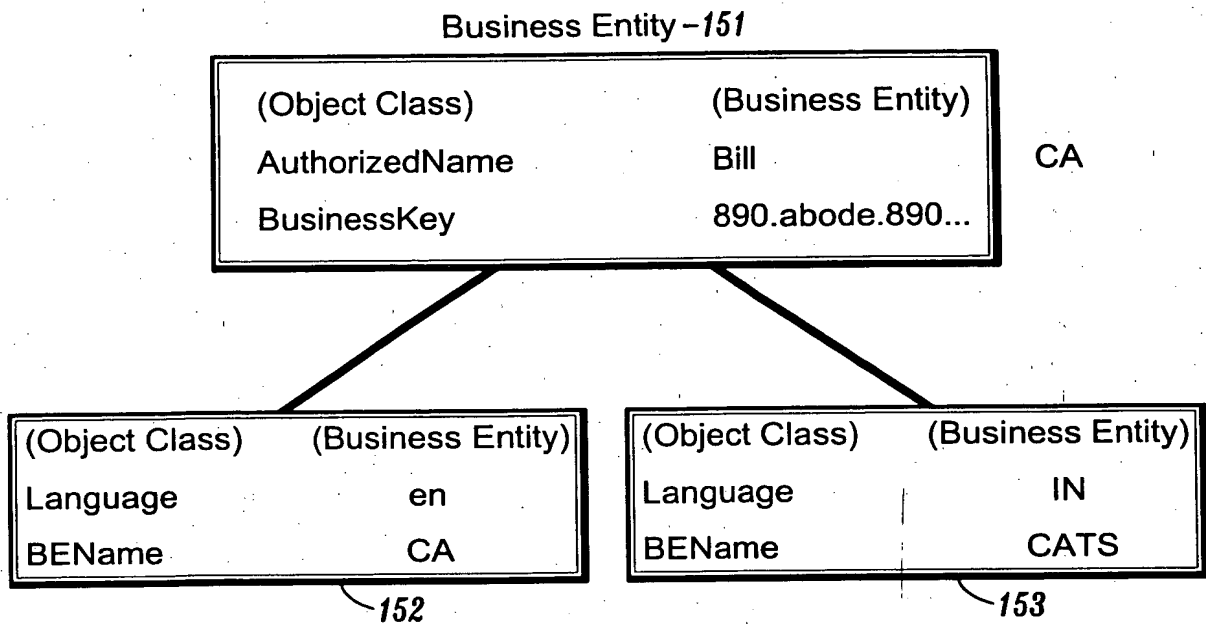


FIG. 15

UDDI Relationship Diagram

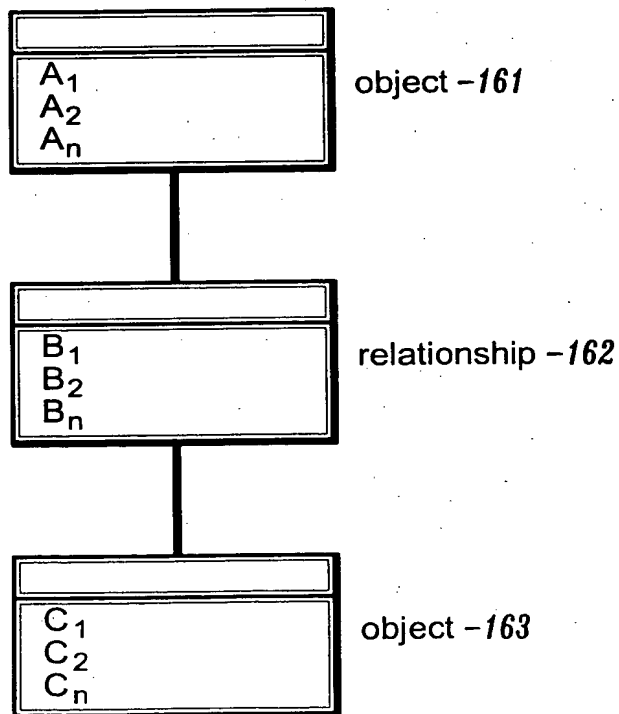


FIG. 16

Directory Hierarchy Diagram

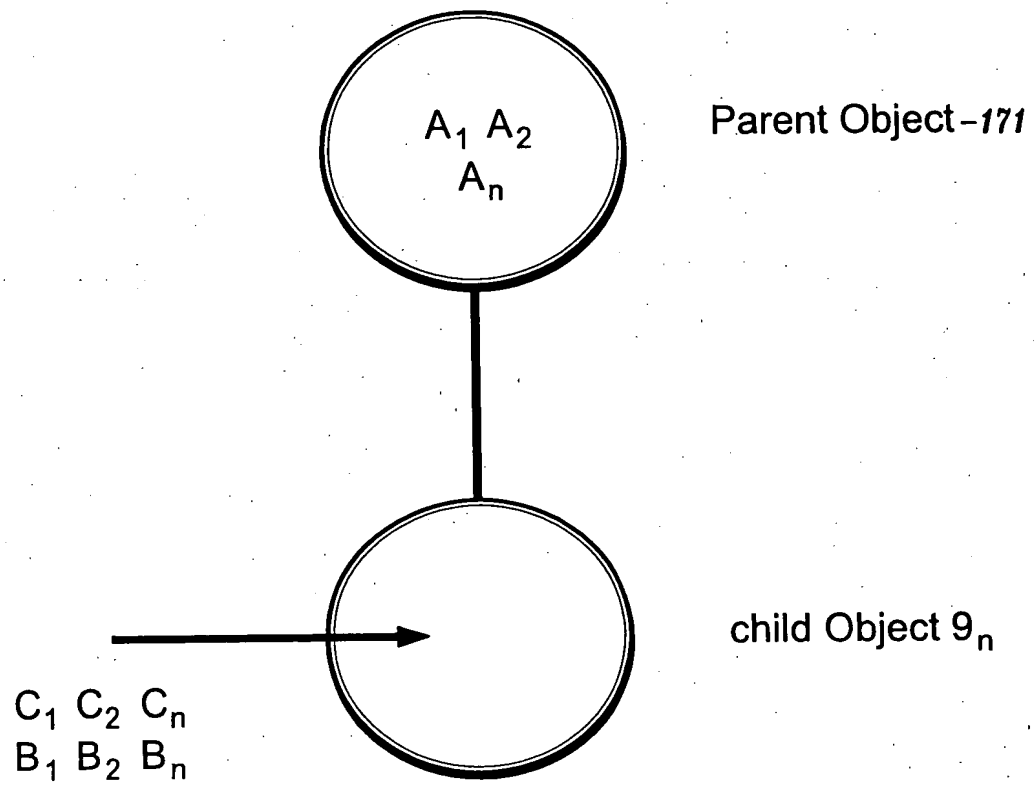


FIG. 17

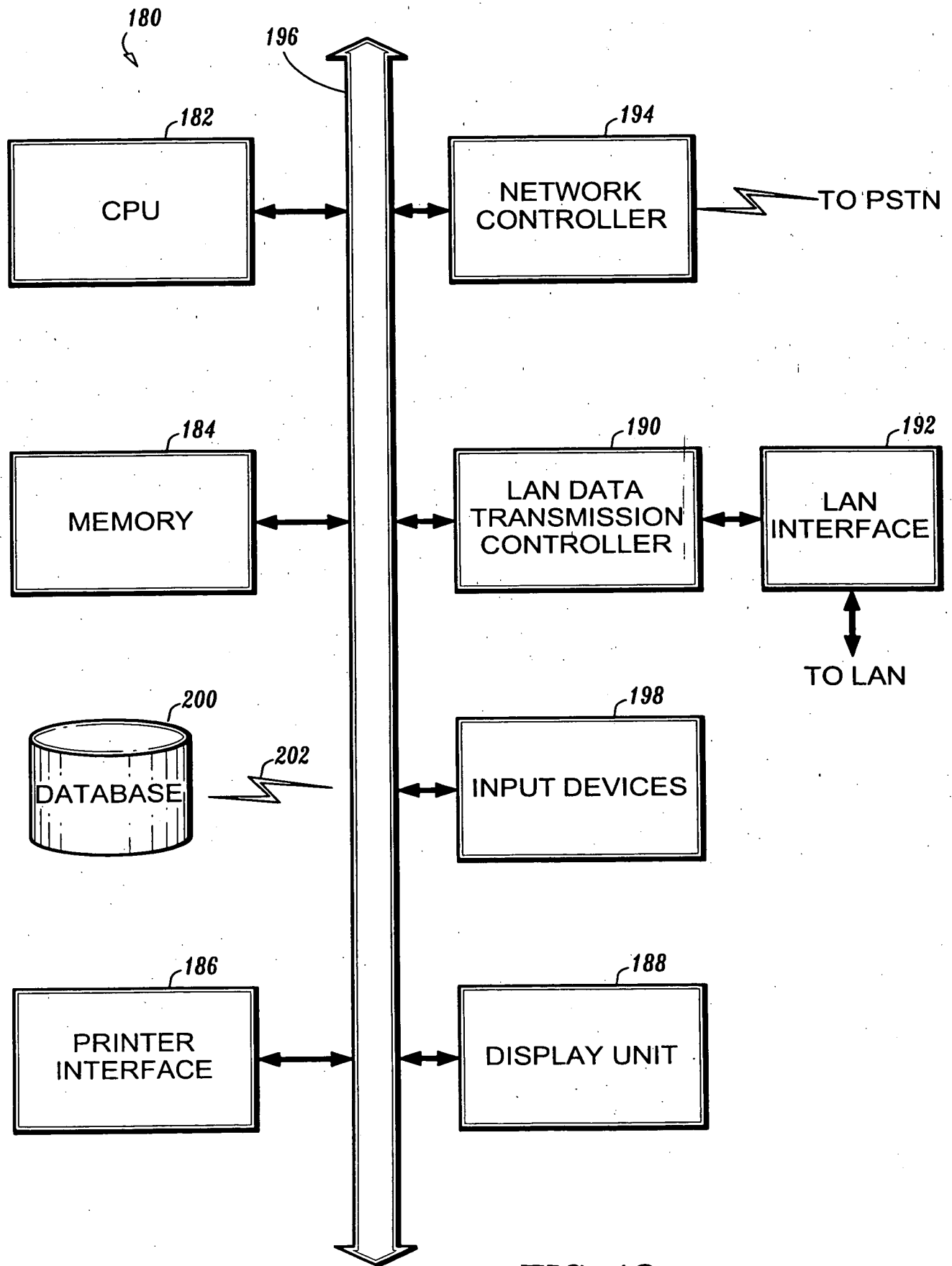


FIG. 18